

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Patent Application of  
Takashi Suzumura et al.

Application No.: 10/689,613

Filing Date: October 22, 2003

Title: CARRIER AND METHOD OF MANUFACTURING CARRIER

Group Art Unit: 3725

Examiner: Lowell A. Larson

Confirmation No.: 4820

**SECOND  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement and accompanying form .  
PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
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By Matthew L. Schneider  
Matthew L. Schneider  
Registration No. 32,814

Date: November 9, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Takashi Suzumura et al. )  
Application No.: 10/689,613 )  
Filed: October 22, 2003 )  
For: CARRIER AND METHOD OF )  
MANUFACTURING CARRIER )



**SECOND INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The following documents were cited in an Official Action recently issued by the Japanese Patent Office in connection with a corresponding foreign application. A copy of the Official Action and an English language translation is enclosed.

Japanese Patent Application Publication No. 2-81949.  
Japanese Patent Application Publication No. 50-86469.  
Japanese Patent Application Publication No. 60-46819 with Abstract.  
Japanese Patent Application Publication No. 57-72728 with Abstract.  
Japanese Patent Application Publication No. 1-122618 with Abstract.  
Japanese Patent Application Publication No. 7-269568 with Abstract.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

To assist the Examiner in entering the foregoing information into the record, the above-noted documents are cited on the attached for PTO-1449 and copies of the documents are enclosed.

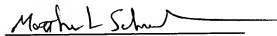
The Examiner is respectfully requested to consider the foregoing information and to acknowledge such consideration by initialing, signing and returning the enclosed additional copy of form PTO-1449.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date November 9, 2005

By:



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**SECOND  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	1
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**Complete if Known**

Application Number	10/689,613
Filing Date	October 22, 2003
First Named Inventor	Takashi Suzumura et al.
Examiner Name	Lowell A. Larson
Attorney Docket Number	032218-018



## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

### NON-PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.